# BRUHATH BANGALORE MAHANAGARA PALIKE

Detailed Estimate For The Work OF :BEAUTIFICATION AND CONSTUCTION OF COMPOUND WALL WITH GRILL TO INDIRA CANTEEN IN WARD NO-16

Ward no - 16 Estimate no- Etimate Amount.Rs20.00 lakhs

| Sl.No | Particulars | Unit | Nos | Dimentions | | | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | length | width | depth | | | |
| 1 | Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. (P.No.265, I.No.37.47) | | | | | | | | |
| | site clearance | cum | 1 | 17.50 | 0.23 | 1.50 | 6.04 | | |
| | | | 1 | 16.00 | 0.23 | 1.50 | 5.52 | | |
| | | | 1 | 3.50 | 0.23 | 1.50 | 1.21 | | 2151.49 |
| | | | | Total Qty | | | 12.77 | 168.48 | 2150.65 |
| | Basic rate | 156.00 | | | | | | | |
| | Add 8% A.W. | 12.48 | | | | | | | |
| | Total | 168.48 | | | | | | | |
| 2 | Removing B.S. slab of Drain and stacking(P.NO-25.NO-5.32) | | | | | | | | |
| | | sqm | 1 | 17.50 | 1.00 | 1.00 | 17.50 | | |
| | | | 1 | 16.00 | 1.00 | 1.00 | 16.00 | | |
| | | | | Total Qty | | | 33.50 | 66.96 | 2243.16 |
| | Basic rate | 62.00 | | | | | | | |
| | Add 8% A.W. | 4.96 | | | | | | | |
| | Total | 66.96 | | | | | | | |
| 3 | Eearthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.(P.NO-5.NO-2.1) | | | | | | | | |
| | | | 1 | 15.00 | 17.50 | 1.20 | 315.00 | | |
| | Basic rate | 157.00 | | | | | 315.00 | 169.56 | 53411.40 |
| | Add 8% A.W. | 12.56 | | | | | | | |
| | Total | 169.56 | | | | | | | |
| 4 | Earthwork excavation by manual means for the foundations of the buildings,water supply,sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of the pits and trenches,stacking the excavated soil clear from edges of the excavations with lead upto 50m after breaking of clod complete a per specifications.,P.NO-5,I,NO-2.4 | | | | | | | | |

Scanned by CamScanner

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | cum | 1 | 16.00 | 1.00 | 1.15 | 18.40 | | |
| | | | 1 | 17.50 | 1.00 | 1.15 | 20.13 | | |
| | | | 1 | 17.50 | 1.50 | 1.15 | 30.19 | | |
| | | | 1 | 16.00 | 2.00 | 1.50 | 48.00 | | 35,671.24 |
| | | | Total qty | | | | 116.71 | 305.64 | 35672.00 |
| | Basic rate | 283.00 | | | | | | | |
| | Add 8% | 22.64 | | | | | | | |
| | Total | 305.64 | | | | | | | |
| | | | | | | | | | |
| 5 | **Providing and layering in position plain cement concrete of mis 1:3:6 with opc cement @220kgs with 40mm and down size graded granite metal coare aggrefate @0.892 cum and fine aggreagate @0.465 cum machine mixed,machine mixed,concrete laid in layers not exceeding 15 cms,thick,well compacted, in foundation including cost of all materials,labour,Hom of machinery,curing complete as per specification,,P.NO-12,I,NO-4.2** | | | | | | | | |
| | | cum | 1 | 16.00 | 1.00 | 0.15 | 2.40 | | |
| | | | 1 | 17.50 | 1.00 | 0.15 | 2.63 | | |
| | | | 1 | 17.50 | 1.50 | 0.15 | 3.94 | | |
| | | | 1 | 16.00 | 1.80 | 0.15 | 4.32 | | 72371.75 |
| | Basic rate | 5046.00 | Total qty | | | | 13.28 | 5449.68 | 72385.37 |
| | Add 8% A.W. | 403.68 | | | | | | | |
| | Total | 5449.68 | | | | | | | |
| | | | | | | | | | |
| 6 | **Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6 edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.(P.NO-23.NO-5.9)** | | | | | | | | |
| | | cum | 1 | 16.00 | 1.00 | 0.90 | 14.40 | | |
| | | | 1 | 17.50 | 1.00 | 0.90 | 15.75 | | |
| | | | 2 | 17.50 | 0.60 | 1.10 | 23.10 | | |
| | | | 2 | 16.00 | 0.60 | 1.10 | 21.12 | | |
| | Basic rate | 5005.00 | | | | | 74.37 | 5405.40 | 401999.60 |
| | Add 8% A.W. | 400.40 | | | | | | | |
| | Total | 5405.40 | | | | | | | |
| | | | | | | | | | |
| 7 | **Providing and laying in position Plain cement concrete of mix1:2:4 with cement @240Kgs,with 20mm and down size graded granite metal coarse aggregates @ 0.878Cum and fineaggregtes @0.53Cum, machine mixed, concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation, plinth and cills, including cost of all materails, labour, HOM of machinery, curing complete as per specifications. (P.NO-12.NO-4.6)** | | | | | | | | |

Scanned by CamScanner

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | cum | 1 | 16.00 | 0.60 | 0.15 | 1.44 | | |
| | | | 1 | 17.50 | 0.60 | 0.15 | 1.58 | | |
| | | | 2 | 17.50 | 0.45 | 0.15 | 2.36 | | |
| | | | 2 | 16.00 | 0.60 | 0.15 | 2.88 | | |
| | | | 6 | 0.60 | 0.60 | 0.90 | 1.94 | | |
| | | | 1 | 16.00 | 0.45 | 0.18 | 1.30 | | 67,577.22 |
| | | | Total qty | | | | 11.50 | 5876.28 | 67563.00 |
| | Basic rate | 5441.00 | | | | | | | |
| | Add 8% | 435.28 | | | | | | | |
| | Total | 5876.28 | | | | | | | |
| | | | | | | | | | |
| 8 | **Providing ruled pointing to coursed stone masonry with CM1:3,20mm deep after raking joints to depth of 20mm nicely lining,including cost of materials,labour,curring complete as per specification P no-113,I no-15.3** | | | | | | | | |
| | | sqm | 2 | 17.50 | 1.00 | 0.90 | 31.50 | | |
| | | | 2 | 16.00 | 1.00 | 0.90 | 28.80 | | |
| | | | Total qty | | | | 60.30 | 105.84 | 6382.00 |
| | Basic rate | 98.00 | | | | | | | |
| | Add 8% | 7.84 | | | | | | | |
| | Total | 105.84 | | | | | | | |
| | | | | | | | | | |
| 9 | **Providing and constructing load bearing wall with solid concrete blocks density not less than 1800 kg / m3 having a minimum average compressive strength of 5.00 n/mm2 confirming to IS 2185 (part1):2005 and constructed with CM1:4 as per IS 2572:2005 including cost of materials, labourcharges,scaffolding,curing complete as per specifications.(P.NO-25.NO-5.27.2)** | | | | | | | | |
| | | sqm | 1 | 16.00 | | 2.10 | 33.60 | | |
| | | | 1 | 17.50 | | 2.10 | 36.75 | | |
| | | | 1 | 20.50 | | 2.10 | 43.05 | | |
| | | | Total qty | | | | 113.40 | 897.48 | 101774.00 |
| | Basic rate | 831.00 | | | | | | | |
| | Add 8% A.W. | 66.48 | | | | | | | |
| | Total | 897.48 | | | | | | | |
| | | | | | | | | | |
| 10 | **Refixing stone slabs ob drains and pointing in C.M. (1:3).(P.NO-25.NO-5.33)** | | | | | | | | |
| | | sqm | qty same vide item no-2 | | | | 33.50 | | |
| | Basic rate | 76.00 | TOATAL QTY | | | | 33.50 | 82.08 | 2749.68 |
| | Add 8% A.W. | 6.08 | | | | | | | |

Scanned by CamScanner

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | 82.08 | | | | | | | |
| | | | | | | | | | |
| 11 | Supply ,collecting and spreading good quality gravel and formation etc complete | | | | | | | | |
| | BR = 170=00 68=00 48=00 286=00 | cum | 1 | 16.00 | 17.50 | 1.13 | 316.40 | | 97729.63 |
| | | | | TOATAL QTY | | | 316.40 | ~~389.84~~ | ~~98240.00~~ |
| | Cl A= 22.68 308.88 | | | | | | | 302.82 | |
| 12 | Supply ,collecting and spreading good quality stone dust/grit and formation etc complete | | | | | | | | |
| | BR = 800=00 68=00 48=00 916=00 | cum | 1 | 16.00 | 17.50 | 0.93 | 260.40 | 989.28 | 257608.51 |
| | | | | TOATAL QTY | | | 260.40 | ~~1104.80~~ | ~~256756.00~~ |
| | Cl. 72.28 Rs. 989=28 | | | | | | | | |
| 13 | Fabricating, providing and erecting in positon of Hot dip galvanised M/S Ornamental Security grill using 75X12mm M.S Flat for alroung frame work with verticals at the centr and horizontal centere support M.S square of 20X20 mm of dirrerent heights as shown in the drawing are to be fixed at 16 cms C/C for square bars of full ht and at 8cm c/c bottom rods providing ornamental C I Designers at the botom and C I arrows in the midle and top. The entrire frame work is to be fixed by means of expansion bolts to th brick pillars with necessary drilling holes, the work includes providing two coats of enamel painting over one coat of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incdental charges required for successful completion of the work as per specification and drawings. (P.No.42, I.No.7.34) | | | | | | | | |
| | | sqm | 1 | 16.00 | | 2.10 | 33.60 | | |
| | | | | | | | 33.60 | 50kg/sqm | |
| | Basic rate | 159.00 | | | | | 1680.00 | 171.72 | 288490.00 |
| | Add 8% A.W. | 12.72 | | | | | | | |
| | Total | 171.72 | | | | | | | |
| | | | | | | | | | |
| 14 | Providing 18mm thick cement plaster in single coat wigh cement mortar 1:3, to brick masonry including rounding off corners wherever required somooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.113, I.No.15.15) | | | | | | | | |
| | | sqm | 2 | 16.00 | | 2.20 | 70.40 | | |
| | | | 2 | 17.50 | | 2.20 | 77.00 | | |
| | | | 2 | 20.50 | | 2.15 | 88.15 | | |
| | Basic rate | 244.00 | | Total qty | | | 235.55 | 263.52 | 62072.00 |
| | Add 8% A.W. | 19.52 | | | | | | | |
| | Total | 263.52 | | | | | | | |
| | | | | | | | | | |

Scanned by CamScanner

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 15 | Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface , free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P.No.117, I.No.15.51.2) | | | | | | | | |
| | | sqm | 1 | 9.50 | 9.50 | | 90.25 | | |
| | | | 1 | 40.00 | 3.00 | | 120.00 | | |
| | Basic rate | 90.00 | | TOATAL QTY | | | 210.25 | 97.20 | 20436.30 |
| | Add 8% A.W. | 7.20 | | | | | | | |
| | Total | 97.20 | | | | | | | |
| | | | | | | | | | |
| 16 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an evern shade after throughly brooming the surface to remove all dirt and loosed powdered material,free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P.No.118, I.No.15.53.2) | | | | | | | | |
| | | sqm | 1 | 40.00 | | 4.00 | 160.00 | | |
| | | | 2 | 54.00 | | 2.10 | 226.80 | | |
| | Basic rate | 84.00 | | TOATAL QTY | | | 386.80 | 90.72 | 35090.50 |
| | Add 8% A.W. | 6.72 | | | | | | | |
| | Total | 90.72 | | | | | | | |
| | | | | | | | | | |
| 17 | Providing and fixing to wall,ceiling and floor,medium density polyethylene piples 6.00 Kg/sq.cm working pressure 160mm outside diameter with special flange,compression type fittings,wall clips,making good the wall,ceiling and floor including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications ( P.NO--93,I.NO-13.70.7 ) | | | | | | | | |
| | | rmt | 1 | 50.00 | | | 50.00 | 651.24 | 32562.00 |
| | Basic rate | 603.00 | | | | | | | |
| | Add 8% A.W. | 48.24 | | | | | | | |
| | Total | 651.24 | | | | | | | |
| | | | | | | | | | |
| 18 | Providing and fixing Chorinatyed Pily Veny Chlorde (CPVC) pipes conforming to IS:15778, having thermal sstability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes fixing the pipe with clamps at 1.00mt spacing this includes jointing of pipes and fittings with one step cpvc solvent cement &testing of joints compltete . (,P.No.96, I.No.13.85.3 & 6) | | | | | | | | |
| | 25mm | rmt | 1 | 50.00 | | | 50.00 | 183.60 | 9180.00 |
| | Basic rate | 170.00 | | | | | | | |
| | Add 8% A.W. | 13.60 | | | | | | | |
| | Total | 183.60 | | | | | | | |
| | | | | | | | | | |

Scanned by CamScanner

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19 | Providing and laying heavy duty cobble stones75mm thick interlock pavers using cement and course sand for manufacture of block of approved size shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.( P.NO-101,I.NO-14.7 ) | | | | | | | | |
| | | | 1 | 16.00 | 2.60 | | 41.60 | | |
| | | | 1 | 16.00 | 3.60 | | 57.60 | | |
| | | | 1 | 16.00 | 1.50 | | 24.00 | | |
| | Basic rate | 970.00 | | TOATAL QTY | | | 123.20 | 1047.60 | 129064.32 |
| | Add 8% A.W. | 77.60 | | | | | | | |
| | Total | 1047.60 | | | | | | | |
| | | | | | | | | | |
| 20 | Providing and fixing the Granite Benches | | | | | | | | |
| | | nos | 6 | | | | 6.00 | 10500.00 | 63000.00 |
| | | | | | | | | | |
| 21 | Conveying the excavated earth silt debris and over burden earth etc.,to a lead of 10 to 15kms distance by using private vehicle thi include the cost of loading and unloading charges etc.,complete,,P.NO-130& 136,I.NO-17.1 | | | | | | | | |
| | | cum | qty same vide item no-1+3+4 | | | | 444.48 | | |
| | debries | | 15 | 5.50 | 2.10 | 0.50 | 86.63 | | |
| | | | total qty | | | | 531.11 | | 59810.76 |
| | | | qty limited to | | | | 520.00 | 116.00 | 60320.00 |
| | Basic rate | 48.00 | SUB-TOTAL AMOUNT | | | | 515.61 | | 1801541.98 |
| | loading & unloadding | 68.00 | | | | | | | 1801791.56 |
| | Total | 116.00 | | | | | | | |
| | | | | | | | | | |
| 22 | K I R D L Charges (11%) | | | | | | | | |
| | | ls | 1 | | | | 1.00 | 198169.62 | 198169.62 |
| | | | | | | | | 198197.07 | 198197.07 |

Scanned by CamScanner